

In the claims:

1. A method for implementing Internet Protocol (IP) to transaction capabilities part (TCAP) communications, comprising:
 - receiving a hypertext transport protocol (HTTP) request from a HTTP client;
 - 5 decoding the HTTP request;
 - wrapping the decoded HTTP request in a TCAP message;
 - determining an appropriate destination flexible service environment (FSLEE) application for the HTTP request; and
 - forwarding the wrapped HTTP request to the destination FSLEE application.
- 10 2. The method of claim 1, further comprising:
 - listening on an IP port for the HTTP request.
3. The method of claim 1, further comprising:
 - receiving a response from the destination FSLEE application;
 - wrapping the response in a HTTP header; and
 - 15 sending the wrapped response to the HTTP client.
4. The method of claim 1, wherein the HTTP request is a HTTP PUT request.
5. The method of claim 1, further comprising:
 - wrapping the decoded request in a TCAP message.
6. A computer-readable medium comprising instructions for:
 - 20 receiving a hypertext transport protocol (HTTP) request from a HTTP client;
 - decoding the HTTP request;
 - wrapping the decoded HTTP request in a TCAP message;
 - determining an appropriate destination flexible service environment (FSLEE) application for the HTTP request; and
 - 25 forwarding the wrapped HTTP request to the destination FSLEE application.
7. The computer-readable medium of claim 6, further comprising instructions for:
 - listening on an IP port for the HTTP request.
8. The computer-readable medium of claim 6, wherein the computer-readable medium is a memory resident in a host server.
- 30 9. The computer-readable medium of claim 8, wherein the FSLEE application is resident on the host server.

10. A method for implementing Internet Protocol (IP) to transaction capabilities part (TCAP) communications, comprising:
- receiving a flexible service environment (FSLEE) application message from a FSLEE application;
 - 5 determining an appropriate destination Internet Server for the FSLEE application message;
 - opening a connection with the destination Internet server; and,
 - forwarding the FSLEE application message to the destination Internet server.
11. The method of claim 10, further comprising:
- 10 waiting for the FSLEE application message.
12. The method of claim 10, further comprising:
- receiving a response from the destination Internet server;
 - wrapping the response in a TCAP message; and,
 - sending the wrapped response to the FSLEE application.
- 15 13. The method of claim 10, wherein the Internet server is a transmission control protocol/internet protocol (TCP/IP) server.
14. A computer-readable medium comprising instructions for:
- receiving a flexible service environment (FSLEE) application message from a FSLEE application;
 - 20 determining an appropriate destination Internet Server for the FSLEE application message;
 - opening a connection with the destination Internet server; and
 - forwarding the FSLEE application message to the destination Internet server.
15. The computer-readable medium of claim 14, further comprising instructions for:
- 25 waiting for the FSLEE application message.
16. The computer-readable medium of claim 14, wherein the computer-readable medium is a memory resident in a host server.
17. The computer-readable medium of claim 16, wherein the FSLEE application is resident on the host server.
- 30 18. A method for implementing Internet Protocol (IP) to transaction capabilities part (TCAP) communications, comprising:

- receiving a message from an Internet server;
determining appropriate destination flexible service environment (FSLEE)
application for the message;
wrapping the message in TCAP message; and
5 forwarding the wrapped message to the destination FSLEE application.
19. The method of claim 18, further comprising:
listening on an IP port for a message from an Internet server.
20. The method of claim 19, further comprising:
receiving a response from the destination FSLEE application; and
10 sending the response to the Internet server.
21. The method of claim 18, wherein the Internet server is a transmission control
protocol/internet protocol (TCP/IP) server.
22. A computer-readable medium comprising instructions for:
receiving a message from an Internet server;
15 determining appropriate destination flexible service environment (FSLEE)
application for the message;
wrapping the message in TCAP message; and
forwarding the wrapped message to the destination FSLEE application.
23. The computer-readable medium of claim 22, further comprising instructions for:
20 listening on an IP port for a message from an Internet server.
24. The computer-readable medium of claim 23, wherein the computer-readable
medium is a memory resident in a host server.
25. The computer-readable medium of claim 24, wherein the FSLEE application is
resident on the host server.
- 25 26. A system for implementing Internet Protocol (IP) to transaction capabilities part
(TCAP) communications, comprising:
one or more flexible service environment (FSLEE) applications;
one or more Internet servers;
one or more hypertext transport protocol (HTTP) clients; and
30 a FSL IP gateway, in communication with the FSLEE applications, the Internet
servers and the HTTP clients, comprising instructions for operating in one of a first mode

that enables communications between the FSLEE application and the HTTP clients, and a second mode that enables communications between the FSLEE application and the Internet servers.

27. The system of claim 26, wherein the FSL IP gateway operates in the first mode by
5 executing instructions for:

- receiving a HTTP request from one of the one or more HTTP clients;
- decoding the HTTP request;

- determining which of the one or more FSLEE applications is an
appropriate destination FSLEE application for the HTTP request;

- 10 wrapping the decoded request in a TCAP message; and

- forwarding the wrapped request to the destination FSLEE application.

28. The system of claim 26, wherein the FSL IP gateway operates in the second mode
by executing instructions for:

- receiving waiting for a FSLEE application message from one of the one or more
15 FSLEE applications;

- determining which of the one or more Internet servers is an appropriate
destination Internet server for the FSLEE application message; and

- forwarding the FSLEE application message to the destination Internet server.

29. The system of claim 26, wherein the FSL IP gateway operates in the second mode
20 by executing instructions for:

- receiving a message from one of the one or more Internet servers;

- determining which of the one or more FSLEE applications is an appropriate
destination FSLEE application for the message;

- wrapping the message in a TCAP message; and

- 25 forwarding the wrapped message to the destination FSLEE application.

30. The system of claim 26, wherein the FSL IP gateway is resident on a host server.

31. The system of claim 30, wherein the one or more FSLEE applications are resident
on the host server.

32. The system of claim 26, wherein the Internet servers are transmission control
30 protocol/internet protocol (TCP/IP) servers.